

Supplementary Information for Table 7 in the Tysons Comprehensive Plan

Planning Commission Tysons Committee, October 5, 2011

Reasons for Tysons-Wide Project #16

(I-495 additional lane on Outer Loop between Rt. 7 and I-66)

The 2030 analysis indicates an estimated volume of 2,400 vph merging with an estimated 6,500 vph on the four general purpose lanes on the Outer Loop of I-495. This merge will cause significant delay on Rt. 7 and the Outer Loop of I-495. In addition, it will create an increase in accident potential on the Outer Loop. An additional lane on the Outer Loop between Rt. 7 and I-66 will mitigate this problem. As part of the construction of the HOT lanes on the Beltway, a wide shoulder is provided along the Outer Loop between Rt. 7 and the Beltway. It is therefore possible that the projected cost might be lower than estimated.

Reasons for Tysons-Wide Project #4

(Rt. 7 widening from Dulles Toll Road to Reston Avenue)

Existing congestion along this section of Rt. 7 as well as the provision for improved transit service along this corridor was motivated as reasons for this project. This particular project is also a long-standing project on the County's Comprehensive Plan. VDOT is planning to initiate design of the widening. A total of \$30 million is programmed for this project and \$10 million is available this FY.

Percentage Tysons Traffic on Tysons-Wide Projects that are Mostly Located Outside Tysons

Please see below. The percentage Tysons traffic was estimated by using the MWCOG and County transportation model. The percentages were obtained from estimated 2030 conditions and are the average Tysons traffic throughout the length of each project.

Average Percentage Peak Period Tysons Traffic on Tysons-Wide Road Projects Located Mostly Outside the Tyson Study Area (estimated 2030 conditions)		
Project #	Tysons-Wide Road Projects Located Mostly Outside the Tysons Study Area	% Tysons Traffic
4	Rt.7 Widening from the Dulles Toll Road to Reston Avenue	43%
7	Dulles Toll Road Westbound Collector Distributor	50%
8	Dulles Toll Road Eastbound Collector Distributor	53%
12	Rt.7 Widening between I-495 and I-66	67%
15	Widen Gallows Road from Rt.7 to Prosperity Ave.	72%
16	I-495 Additional Lane (Outer Loop between Rt. 7 and I-66)	48%